



GENERAL NOTES

This Standard is used where at all time, any vehicles, equipment, worker or their activities will encroach in the area from 4.5 m (15') to the edge of pavement, except where activities will result in a dropoff greater than 75 mm (3") within 600 mm (24") of pavement.

If the operation is 4.5 m (15') or more off the pavement edge, no signing or cones will be required, unless two or more vehicles cross the 4.5 m (15') clear zone in one hour.

* When working within 600 mm (24") of the pavement edge, cones, drums or barricades shall be placed at 8 m (25') centers for L/3 distance, 15 m (50') centers through remainder of work area.

Shoulder tapers should have a minimum length of L/3.

Where L is:

SPEED LIMIT	FORMULAS	
70 km/h (40 mph) or less:	Metric $L = \frac{WS^2}{150}$	(English) $L = \frac{WS^2}{60}$
80 km/h (45 mph) or greater:	$L = 0.65(W)(S)$	$L = (W)(S)$

W = Width of offset in meters (feet).

S = Normal posted speed km/h (mph).

All dimensions are in millimeters (inches) unless otherwise shown.

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

Illinois Department of Transportation	
APPROVED _____ January 1, 1998	ISSUED 1-1-97
ENGINEER OF OPERATIONS _____	
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ENGINEER OF DESIGN AND ENVIRONMENT _____	

DATE	REVISIONS	OFF-RD OPERATIONS 2L, 2W 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS \geq 45 MPH
1-1-98	Rev. 1st GEN. NOTE.	
	Rev. (24") to (24") in 3rd GEN. NOTE.	
1-1-97	Renum. Standard 2302-9.	
		STANDARD 701006-01